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updated search
Lycock 3/9/06

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(FILE 'HOME' ENTERED AT 12:09:39 ON 09 MAR 2006)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, JAPIO' ENTERED AT 12:09:56 ON 09
MAR 2006

L1 90681 S ANTIBOD? AND REVIEW
L2 80 S L1 AND (ANTIBOD? USE)
L3 36 S (ANTIBOD? BENEF?)
L4 0 S L2 AND L3
L5 20 DUPLICATE REMOVE L3 (16 DUPLICATES REMOVED)
L6 1 S L5 AND REVIEW?
L7 19 S L5 NOT L6
L8 0 S L1 AND L3
L9 4630 S L1 AND BENEF?
L10 171 S L9 AND ECONOM?
L11 147 DUPLICATE REMOVE L10 (24 DUPLICATES REMOVED)
L12 76 DUPLICATE REMOVE L2 (4 DUPLICATES REMOVED)
L13 0 S L12 AND ECONOM?
L14 0 S (CB10 USE)
L15 0 S (CB10 UTILIT?)
L16 672 S CB10?
L17 381 DUPLICATE REMOVE L16 (291 DUPLICATES REMOVED)
L18 22 S L17 AND ANTIBOD?

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ANSWER 9 OF 76 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2002:424959 BIOSIS
DN PREV200200424959
TI Back to the future: Antibody-based strategies for the treatment
of infectious diseases.
AU Oral, H. Barbaros [Reprint author]; Ozakin, Cuneyt; Akdis, Cezmi A.
CS Department of Microbiology and Infectious Diseases, Immunology Unit,
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SO Molecular Biotechnology, (July, 2002) Vol. 21, No. 3, pp. 225-239. print.
ISSN: 1073-6085.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 7 Aug 2002
Last Updated on STN: 7 Aug 2002
AB Before antibiotics, sera from immune animals and humans were used to treat
a variety of infectious diseases, often with successful results. After
the discovery of antimicrobial agents, serum therapy for bacterial
infections was rapidly forsaken. In the last two decades, problems with
treatment of newly emerged, reemerged, or persistent infectious diseases
necessitated researchers to develop new and/or improved antibody
-based therapeutic approaches. This article reviews some
information on the use of antibodies for the treatment of
infectious diseases, with special reference to the most seminal
discoveries and current advances as well as available treatment approaches
in this field.
CC Immunology - General and methods 34502
Pathology - Therapy 12512
Blood - Blood and lymph studies 15002
Blood - Blood cell studies 15004
Pharmacology - General 22002
Pharmacology - Clinical pharmacology 22005
Physiology and biochemistry of bacteria 31000
Virology - Animal host viruses 33506
Medical and clinical microbiology - Bacteriology 36002
Medical and clinical microbiology - Virology 36006
IT Major Concepts
 Immune System (Chemical Coordination and Homeostasis); Infection;
 Pharmacology
IT Parts, Structures, & Systems of Organisms
 blood serum: blood and lymphatics, applications
IT Diseases
 bacterial infections: bacterial disease, therapy
 Bacterial Infections (MeSH)
IT Diseases
 viral infections: viral disease, therapy
 Virus Diseases (MeSH)
IT Chemicals & Biochemicals
 antibiotics: discovery, uses; antibodies: preparation,
 therapeutic uses; antimicrobial agents: discovery, pharmaceutical,
 uses; immunoglobulins: applications; monoclonal antibodies:
 uses; proteins
IT Methods & Equipment
 antibody-based infection treatment techniques:
 Pharmacological/Toxicological Techniques, therapeutic method
IT Miscellaneous Descriptors
 clinical microbiology; infection persistence; molecular biotechnology
ORGN Classifier
 Animalia 33000
Super Taxa
 Animalia
Organism Name

animal
Taxa Notes
Animals
ORGN Classifier
 Bacteria 05000
Super Taxa
 Microorganisms
Organism Name
 bacteria: pathogen
Taxa Notes
 Bacteria, Eubacteria, Microorganisms
ORGN Classifier
 Hominidae 86215
Super Taxa
 Primates; Mammalia; Vertebrata; Chordata; Animalia
Organism Name
 human: host
Taxa Notes
 Animals, Chordates, Humans, Mammals, Primates, Vertebrates
ORGN Classifier
 Viruses 03000
Super Taxa
 Microorganisms
Organism Name
 animal virus: pathogen
Taxa Notes
 Microorganisms, Viruses